

SOIL CLASS: 26B WINDSOR  
 47B PAXTON  
 53BA SQUAMSCOTT  
 (SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: ASSUMED DATUM

#1 SET HUB EL 50.0

#2 SET NAIL 3" CHERRY EL 46.72

#3 SET NAIL 6" MAPLE EL 43.70

DESIGN INTENT: BED BOTTOM TO BE PLACED

NO LOWER THAN 77' EXISTING GRADE,

UPSLOPE SIDE (EXIS GRADE = 47.0), EQUALS

18" ABOVE GRADE AT EL 46.5 - 50% OF BED

SUITABLE REPLACEMENT AREA: AREA DOWNSLOPE

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

EXISTING CONTOUR  
 PROPOSED CONTOUR  
 EXISTING SPOT ELEVATION  
 PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:

APPARENT OCCUPATION 1/2 DEED

2. NHDES-WS&PCD SUBDIVISION APPROVAL

NUMBER: N/A LOT OF RECORD PRE 1967

3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.

4. NO SURFACE WATER OR WELL WITHIN 40' OF PROPOSED SYSTEM. \*(PROPOSED)

5. INSTALLER MUST NOTIFY DESIGNER IMMEDIATELY OF ANY DISCREPANCIES FOUND OR CHANGES CONSIDERED TO THIS PLAN.

6. EXTENT/LOCATION OF EXIS LEACH LINES & DRY WELL TO BE DETERMINED AT TIME OF REMOVAL. ALL MATERIAL REMOVED OUTSIDE OF PROPOSED FILL EXTENSION TO BE REPLACED WITH CLEAN FILL WITH ESTIMATED 10 MIN/IN OR SLOWER PERC RATE.

7. AREA BETWEEN HOUSE AND SYSTEM MUST BE REGRADED WITH CARE AND RESEEDED THOROUGHLY TO INSURE THAT:

a) SURFACE RUN-OFF FROM REAR OF LOT CAN PASS THROUGH TO ROAD UNOBSTRUCTED

b) TANK IS PROTECTED FROM POTENTIAL INFILTRATION

c) RUN-OFF IS DIRECTED AWAY FROM FOUNDATION

NOTE 9 (1/26/99)

DESIGN SHOWN IS UNCHANGED FROM PREVIOUS APPROVAL # CA1996002426.

THE PURPOSE OF THIS PLAN IS TO OBTAIN NEW APPROVAL AS REQUIRED UNDER ENV-WS 1003.19.

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS:

1. MAINTAIN A MINIMUM OF 12" COVER OVER ALL EXPOSED PIPES AND MANHOLES.

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4. MAINTAIN A MINIMUM OF 12" COVER OVER ALL EXPOSED PIPES AND MANHOLES.

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7. MAINTAIN A MINIMUM OF 12" COVER OVER ALL EXPOSED PIPES AND MANHOLES.

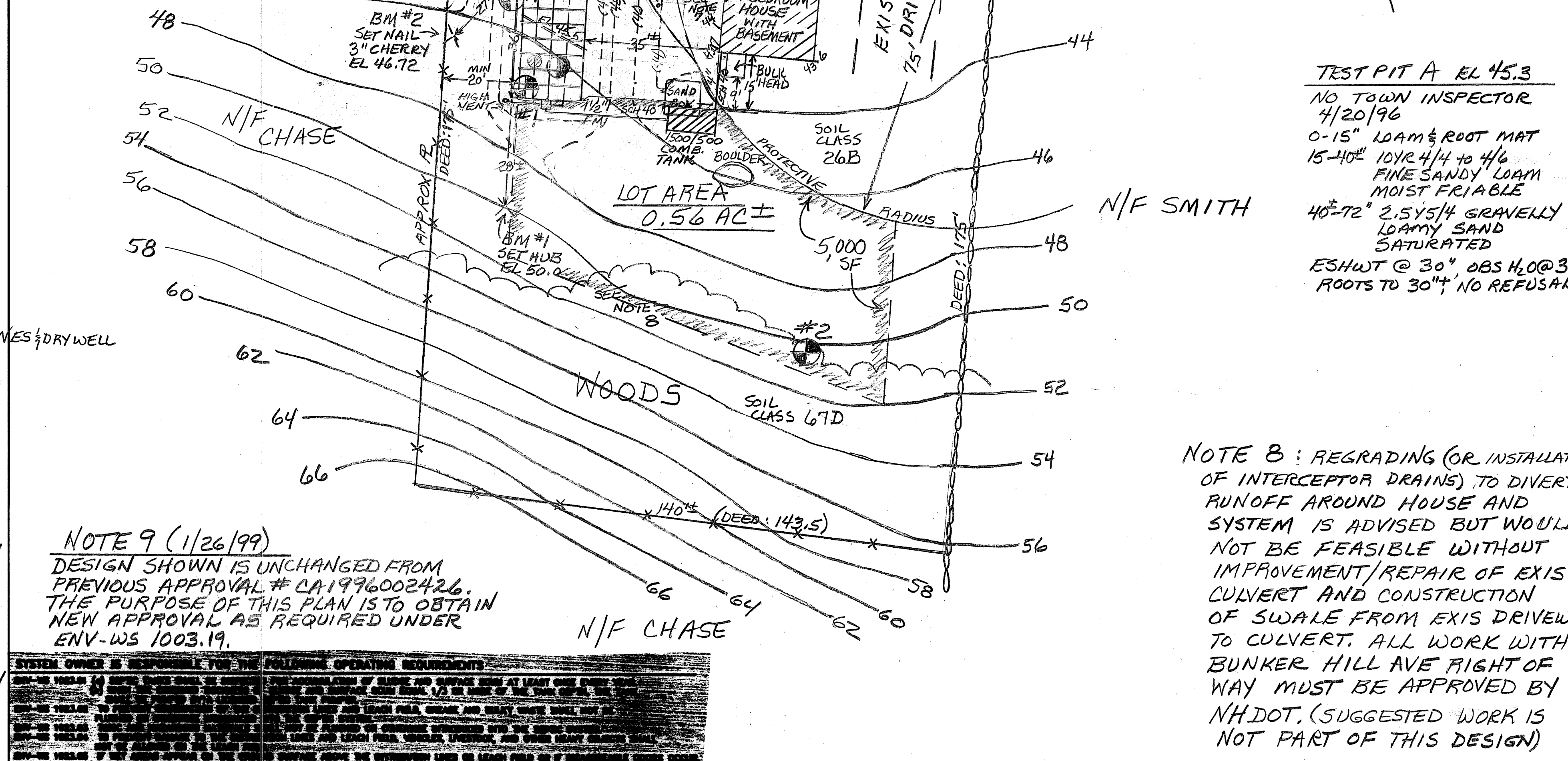
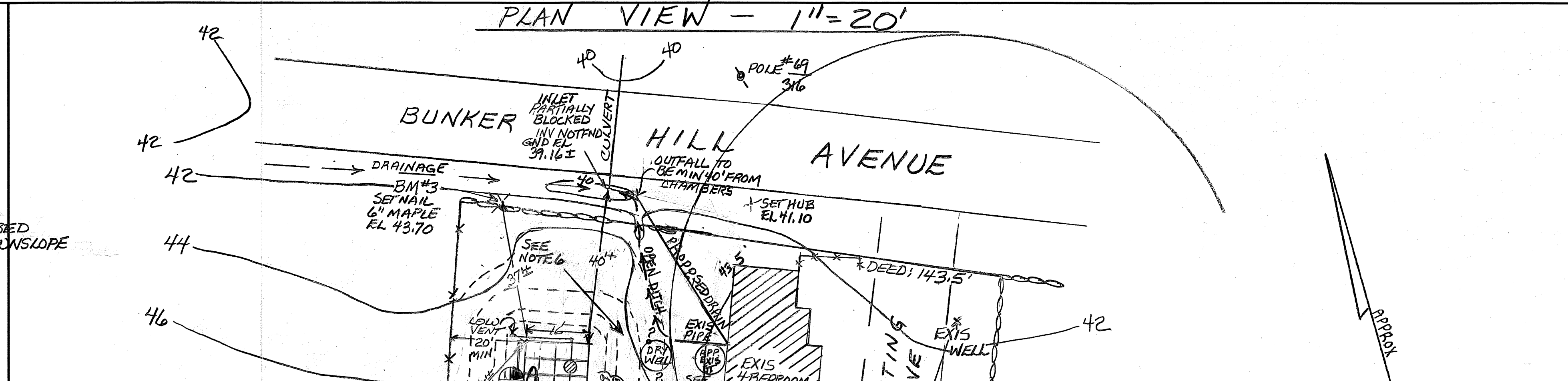
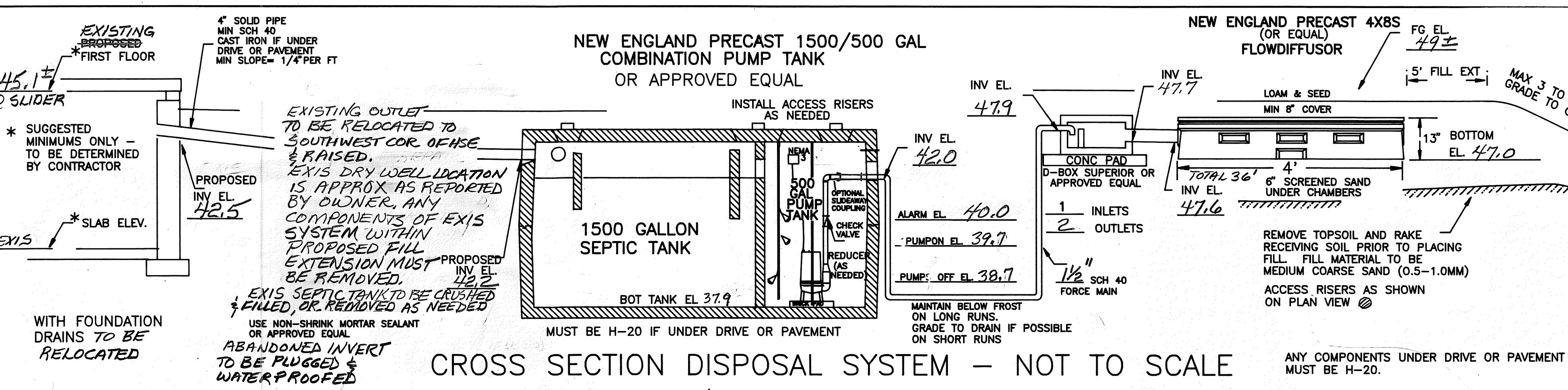
8. MAINTAIN A MINIMUM OF 12" COVER OVER ALL EXPOSED PIPES AND MANHOLES.

9. MAINTAIN A MINIMUM OF 12" COVER OVER ALL EXPOSED PIPES AND MANHOLES.

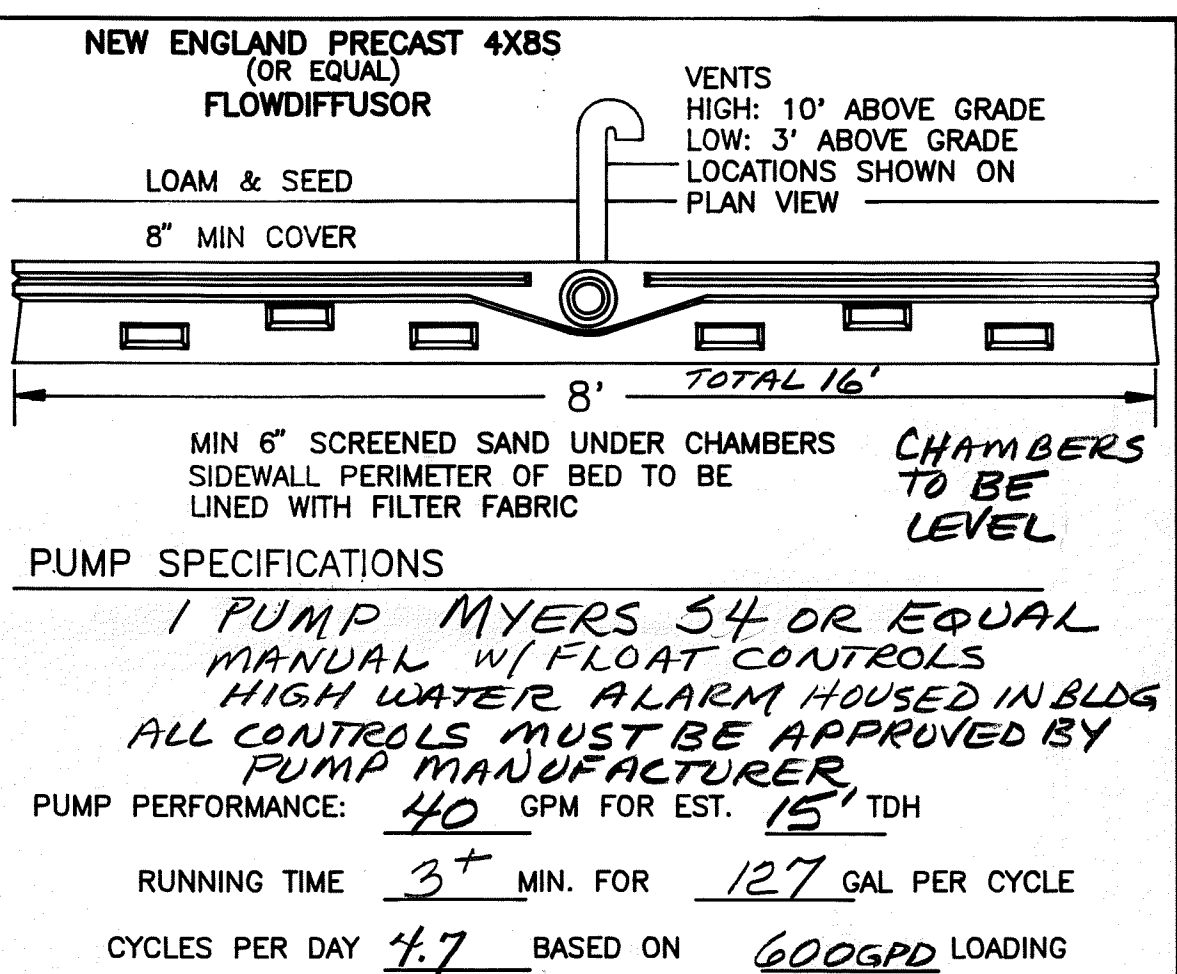
10. MAINTAIN A MINIMUM OF 12" COVER OVER ALL EXPOSED PIPES AND MANHOLES.

11. MAINTAIN A MINIMUM OF 12" COVER OVER ALL EXPOSED PIPES AND MANHOLES.

12. MAINTAIN A MINIMUM OF 12" COVER OVER ALL EXPOSED PIPES AND MANHOLES.



NOTE 8: REGRADED (OR INSTALLATION OF INTERCEPTOR DRAINS) TO DIVERT RUNOFF AROUND HOUSE AND SYSTEM IS ADVISED BUT WOULD NOT BE FEASIBLE WITHOUT IMPROVEMENT/REPAIR OF EXIS CULVERT AND CONSTRUCTION OF SWALE FROM EXIS DRIVEWAY TO CULVERT. ALL WORK WITHIN BUNKER HILL AVE RIGHT OF WAY MUST BE APPROVED BY NH DOT. (SUGGESTED WORK IS NOT PART OF THIS DESIGN)



TEST PIT DATA  
 DATE: 5/29/96  
 TOWN INSPECTOR: MIKE CUOMO  
 #1 EL 47.0±  
 0-10" LOAM & ROOT MAT  
 10-36" 10YR 5/4 FINE SANDY LOAM GRANULAR FRIABLE  
 36-80" 2.5Y 5/4 GRAVELLY LOAMY SAND FIRM IN PLACES, MOTTLED  
 ESHWT @ 36" ROOTS TO 40"± NO OBS H<sub>2</sub>O NO REFUSAL  
 #2 EL 50±  
 0-10" LOAM & ROOT MAT  
 10-28" 10YR 5/4 FINE SANDY LOAM GRANULAR FRIABLE  
 28-68" 2.5Y 5/4 GRAVELLY LOAMY SAND FIRM IN PLACES, MOTTLED  
 ESHWT @ 28" ROOTS TO 40"± NO OBS H<sub>2</sub>O NO REFUSAL

PERC TEST DATA  
 DATE 5/29/96 PERC RATE: 6 MIN/IN  
 DESIGN LOADING: EXISTING 4 BEDROOMS  
 AREA REQUIRED: 900 (CHAMBERS) x 0.6 = 540 SF  
 AREA PROPOSED: 16 x 36 = 576 SF PROVIDED (18 4'x8' CHAMBERS)  
 PROPOSED REPLACEMENT SEPTIC SYSTEM PLAN (EXISTING FAILED SYSTEM)  
 LOCUS: 122 BUNKER HILL AVE STRATHAM, NH  
 PREVIOUS APPROVAL CA1996002426 (EXPIRED)  
 OWNER: BRAD HUTCHINGS  
 122 BUNKER HILL AVE STRATHAM, NH 03885

APPLICANT: STOCKTON SERVICES  
 PO BOX 1306  
 HAMPTON, NH 03842  
 5/14/96 RESUBMIT  
 DATE: REV 6/4/96 1/26/99  
 (SEE NOTE 9)  
 APPROVAL: CA1999015137

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